Message

**From**: Alvey, Robert [Alvey.Robert@epa.gov]
**Sent**: 2/27/2014 9:27:43 PM
**To**: edward.hannon@ngc.com
**CC**: Taccone, Tom [Taccone.Tom@epa.gov]; Stein, Carol [Stein.Carol@epa.gov]
**Subject**: Greetings from EPA's geologist: Re: GP-3R and Recovery well data

Good morning Ed,

As you know, in addition to being the EPA's geologist on the task force set up to help facilitate the overall groundwater concerns in the Bethpage and surrounding area, I am also the assigned "hydro" on the EPA's portion of the Hooker Chemical/Ruco Polymer Corporation Superfund site for Tom Taccone, RPM.

The sampling results from the 2013 "comprehensive" groundwater sampling program provided by NYSDEC from Arcadis revealed an unanticipated high level of Volatile Organic Compounds at MW53D2, with the primary chemical being TCE at 950 ug/l . I received a copy of this sampling report coordinated through Northrop-Grumman from NYSDEC's Steve Scharf, and it was a brief topic during the subsequent multiagency/stakeholder teleconference.

The discussion I recently had with you confirmed that GP-3R is the recently installed recovery well and replaced GP-3. My personal opinion is that this was a logical and prudent decision based on the age of the former recovery well GP-3. The work was done under NYSDEC oversight, but I would appreciate data on this based on the proximity to the Hooker Ruco facility and the downgradient biosparging system installed under EPA oversight to treat the vinyl chloride subplume portion of the overall plume of VOCs.
What was the actual location and screen interval for GP-3 and GP-3R and is there any capture zone analysis available for the wells? This may also include GP-1, but I have not heard if that location has reported any Vinyl Chloride impacts. This is different than a simple "area of influence.

I am also requesting if the pdf files of the comprehensive sampling results could be provided in Excel format. I am accessing available records for other sampling in this area and plan to produce a more comprehensive database for planning purposes for potential means to address the high TCE levels at MW53D2.

Rob Alvey
Geologist
EPA